

#5



PCT10

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/070,882

DATE: 03/21/2002

TIME: 15:40:56

Input Set : A:\Sequence.txt

Output Set: N:\CRF3\03212002\J070882.raw

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3 <110> APPLICANT: Titball, Richard L.
4   Bullifent, Helen L.
6 <120> TITLE OF INVENTION: Recombinant Microorganisms
8 <130> FILE REFERENCE: 41577/270459
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/070,882
C--> 10 <141> CURRENT FILING DATE: 2002-10-11
10 <150> PRIOR APPLICATION NUMBER: GB 9921275.5
11 <151> PRIOR FILING DATE: 1999-09-10
13 <150> PRIOR APPLICATION NUMBER: PCT/GB00/03402
14 <151> PRIOR FILING DATE: 2000-09-06
16 <150> PRIOR APPLICATION NUMBER: GB 0017000.1
17 <151> PRIOR FILING DATE: 2000-07-12
19 <160> NUMBER OF SEQ ID NOS: 12
21 <170> SOFTWARE: PatentIn version 3.1
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24 <211> LENGTH: 196
25 <212> TYPE: DNA
26 <213> ORGANISM: Salmonella typhimurium
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61 ttatgttgga attgtggtgt tgattctatt cttataatat aacaagaaat gttgtaactg      180
63 atagatatat taaaagatta aatcggagcg ggaataaaagc gtgctaagca tcatcgtgaa      240
65 tatgattaca cgcctgcgca tggcatataa ccgtattgcg gatggagcgt cacgtgagga      300
67 ctgtgaagca caatgcgata tgttctgatt atatggcgag tttgcttaat gacatgtttt      360
69 tagccgaacg gtgtcaagtt tcttaatgtg gttgtgagat tttctcttta aatatcaaaa      420

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71 tgttgcatgg gtgatttggt gttctatagt ggctaaacac tttatggttt ctgttaaata 480
73 tatatgcgtg agaaaaatta gcattcaaat ctataaaagt tagatgacat tgtagaaccg 540
75 gttacctaaa tgagcgatag agtgcttcgg tagtaaaaat atctttcagg aagtaaacac 600
77 atcaggagcg atagcgggtga attattcgtg gttttgtcga ttcggcatag tggcgataac 660
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92 aaccggttga ttttaaaagt ttctgtgaaat atattttgtc tatttgtgct tatttttact 180
94 tgatttttgc tttaaaaaag ttccgtaaaa ttcatatattt gaaacatcta tatagataac 240
96 tgtaacatct taaaagtttt agtatcatat tcgtgttgga ttattctgta tttttgcgga 300
98 gaatggactt gccgactggt taatgagggg taaccagtaa gcagtggcat aaaaaagcaa 360
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167 <211> LENGTH: 28
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169 <213> ORGANISM: Salmonella typhimurium
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VERIFICATION SUMMARY

DATE: 03/21/2002

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Input Set : A:\Sequence.txt

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L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date